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<110> Aros Applied Biotechnology ApS

<120> Classification of Cancer

<130> 69167(302423)

<140> US 10/584,653

<141> 2006-06-27

<150> PCT/DK04/000914

<151> 2004-12-23

<150> PA 2004 01843

<151> 2004-11-26

<150> PA 2004 00586

<151> 2004-04-07

<150> PA 2004 00096

<151> 2004-01-24

<150> PA 2003 01940

<151> 2003-12-27

<160> 139

<170> PatentIn version 3.1

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<223> NM_002985.2| chemokine (C-C motif) ligand 5 (CCL5), mRNA

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 15

<211> 2524

<212> DNA

<213> Homo sapiens

<223> NM_000249.2| mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) (MLH1), mRNA

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<210> 16

<211> 1536

<212> DNA

<213> Homo sapiens

<223> NM_001071.1| thymidylate synthetase (TYMS), mRNA

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<210> 17

<211> 2986

<212> DNA

<213> Homo sapiens

<223> NM_000201.1| intercellular adhesion molecule 1 (CD54), human rhinovirus receptor (ICAM1), mRNA

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<210> 18

<211> 736

<212> DNA

<213> Homo sapiens

<223> NM_004492.1| general transcription factor IIA, 2 (12kD subunit) (GTF2A2), mRNA

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<210> 19

<211> 6401

<212> DNA

<213> Homo sapiens

<223> NM_004850.3| Rho-associated, coiled-coil containing protein kinase 2 (ROCK2), mRNA

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<211> 1556

<212> DNA

<213> Homo sapiens

<223> NM_005783.3| thioredoxin domain containing 9 (TXNDC9), mRNA

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<210> 21

<211> 1276

<212> DNA

<213> Homo sapiens

<223> NM_003581.1| NCK adaptor protein 2 (NCK2), mRNA

<400> 21

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<210> 22

<211> 1577

<212> DNA

<213> Homo sapiens

<223> NM_006214.2| phytyl-CoA hydroxylase (Refsum disease) (PHYH), mRNA

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<210> 23

<211> 3060

<212> DNA

<213> Homo sapiens

<223> NM_004739.2| metastasis-associated gene family, member 2 (MTA2), mRNA

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<210> 24

<211> 2407

<212> DNA

<213> Homo sapiens

<223> NM_001091.1| amiloride binding protein 1 (amine oxidase (copper-containing)) (ABP1), mRNA

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<213> Homo sapiens

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<211> 768

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<213> Homo sapiens

<223> NM_004585.2| retinoic acid receptor responder (tazarotene induced) 3 (RARRES3), mRNA

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<211> 696

<212> DNA

<213> Homo sapiens

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<211> 3338

<212> DNA

<213> Homo sapiens

<223> NM_001455.2| forkhead box O3A (FOXO3A), transcript variant 1, mRNA

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<213> Homo sapiens

<223> NM_152873.1| tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 4, mRNA

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 <213> Homo sapiens
 <223> NM_001565.1| chemokine (C-X-C motif) ligand 10 (CXCL10), mRNA

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 <223> NM_005950.1| metallothionein 1G (MT1G), mRNA

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<210> 37

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<212> DNA

<213> Homo sapiens

<223> NM_000043.3| tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 1, mRNA

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<210> 38

<211> 1600

<212> DNA

<213> Homo sapiens

<223> NM_001953.2| endothelial cell growth factor 1 (platelet-derived) (ECGF1), mRNA

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 <212> DNA
 <213> Homo sapiens
 <223> NM_005138.1| SCO cytochrome oxidase deficient homolog 2 (yeast) (SCO2), nuclear gene encoding mitochondrial protein, mRNA

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 <213> Homo sapiens
 <223> NM_006419.1| chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant) (CXCL13), mRNA

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<211> 738

<212> DNA

<213> Homo sapiens

<223> NM_006433.2| granulysin (GNLY), transcript variant NKG5, mRNA

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<210> 42

<211> 1579

<212> DNA

<213> Homo sapiens

<223> NM_001767.2| CD2 antigen (p50), sheep red blood cell receptor (CD2), mRNA

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<211> 3738

<212> DNA

<213> Homo sapiens

<223> NM_006275.4| splicing factor, arginine/serine-rich 6 (SFRS6), mRNA

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<211> 2033

<212> DNA

<213> Homo sapiens

<223> NM_003212.1| teratocarcinoma-derived growth factor 1 (TDGF1), mRNA

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<211> 367

<212> DNA

<213> Homo sapiens

<223> NM_005951.1| metallothionein 1H (MT1H), mRNA

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<210> 46

<211> 3052

<212> DNA

<213> Homo sapiens

<223> NM_000767.4| cytochrome P450, family 2, subfamily B, polypeptide 6 (CYP2B6), mRNA

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3052

<210> 47

<211> 1645

<212> DNA

<213> Homo sapiens

<223> NM_003811.2| tumor necrosis factor (ligand) superfamily, member 9 (TNFSF9), mRNA

<400> 47

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<210> 48

<211> 6640

<212> DNA

<213> Homo sapiens

<223> NM_006047.4| RNA binding motif protein 12 (RBM12), transcript variant 1, mRNA

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<210> 49

<211> 3680

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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 (TGFB2), mRNA

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<211> 2242

<212> DNA

<213> Homo sapiens

<223> NM_021784.3| forkhead box A2 (FOXA2), transcript variant 1, mRNA

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 <213> Homo sapiens
 <223> NM_033423.2| granzyme H (cathepsin G-like 2, protein h-CCPX) (GZMH), mRNA

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 <212> DNA
 <213> Homo sapiens
 <223> NM_001165.3| baculoviral IAP repeat-containing 3 (BIRC3), transcript variant 1, mRNA

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<211> 3850

<212> DNA

<213> Homo sapiens

<223> NM_005682.4| G protein-coupled receptor 56 (GPR56), transcript variant 1,
mRNA

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3850

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<211> 372

<212> DNA

<213> Homo sapiens

<223> NM_005953.2| metallothionein 2A (MT2A), mRNA

<400> 66

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<211> 4180

<212> DNA

<213> Homo sapiens

<223> NM_015002.1| F-box protein 21 (FBX021), transcript variant 2, mRNA

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<210> 68

<211> 6276

<212> DNA

<213> Homo sapiens

<223> NM_012156.2| erythrocyte membrane protein band 4.1-like 1 (EPB41L1), transcript variant 1, mRNA

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<210> 69

<211> 1209

<212> DNA

<213> Homo sapiens

<223> NM_173834.2| hypothetical protein MGC21416 (MGC21416), mRNA

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<210> 70

<211> 5249

<212> DNA

<213> Homo sapiens

<223> NM_015352.1| protein O-fucosyltransferase 1 (POFUT1), transcript variant 1, mRNA

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<211> 722

<212> DNA

<213> Homo sapiens

<223> NM_175617.2| metallothionein 1E (functional) (MT1E), mRNA

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<210> 72

<211> 980

<212> DNA

<213> Homo sapiens

<223> NM_003283.3| troponin T1, skeletal, slow (TNNT1), mRNA

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<211> 2213

<212> DNA

<213> Homo sapiens

<223> NM_004067.1| chimerin (chimaerin) 2 (CHN2), mRNA

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<210> 74
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 <212> DNA
 <213> Homo sapiens
 <223> NM_005520.1| heterogeneous nuclear ribonucleoprotein H1 (H) (HNRPH1), mRNA

<400> 74
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<210> 75

<211> 1895

<212> DNA

<213> Homo sapiens

<223> NM_004046.4| ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit, isoform 1, cardiac muscle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<211> 3182

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<213> Homo sapiens

<223> NM_017583.3| tripartite motif-containing 44 (TRIM44), mRNA

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<211> 4930

<212> DNA

<213> Homo sapiens

<223> NM_020182.3| transmembrane, prostate androgen induced RNA (TMEPAI), transcript variant 1, mRNA

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4930

<210> 83

<211> 702

<212> DNA

<213> Homo sapiens

<223> NM_014183.2| dynein, cytoplasmic, light polypeptide 2A (DNCL2A), transcript variant 1, mRNA

<400> 83

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<211> 2100

<212> DNA

<213> Homo sapiens

<223> NM_015907.2| leucine aminopeptidase 3 (LAP3), mRNA

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 <223> NM_018478.1| chromosome 20 open reading frame 35 (C20orf35), mRNA

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 <223> NM_030674.2| solute carrier family 38, member 1 (SLC38A1), mRNA

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<211> 2711

<212> DNA

<213> Homo sapiens

<223> NM_016028.4| suppressor of variegation 4-20 homolog 1 (Drosophila)

(SUV420H1), transcript variant 2, mRNA

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<211> 2977

<212> DNA

<213> Homo sapiens

<223> NM_022105.2| death associated transcription factor 1 (DATF1), transcript variant 1, mRNA

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<211> 2163

<212> DNA

<213> Homo sapiens

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<211> 2881

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<223> NM_020183.3| aryl hydrocarbon receptor nuclear translocator-like 2 (ARNTL2), mRNA

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<211> 2128

<212> DNA

<213> Homo sapiens

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<211> 5730

<212> DNA

<213> Homo sapiens

<223> NM_019008.4| hypothetical protein FLJ20232 (FLJ20232), mRNA

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<223> NM_016612.1| mitochondrial solute carrier protein (MSCP), mRNA

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<211> 2368

<212> DNA

<213> Homo sapiens

<223> NM_017903.2| hypothetical protein FLJ20618 (FLJ20618), mRNA

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<211> 2577

<212> DNA

<213> Homo sapiens

<223> nm_003011.1 SET translocation (myeloid leukaemia-associated)

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<211> 3394

<212> DNA

<213> Homo sapiens

<223> NM_004764.2| piwi-like 1 (Drosophila) (PIWIL1), mRNA

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<213> Homo sapiens

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<211> 2928

<212> DNA

<213> Homo sapiens

<223> NM_001313.2| collapsin response mediator protein 1 (CRMP1), mRNA

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<211> 1609

<212> DNA

<213> Homo sapiens

<223> NM_002145.2| homeo box B2 (HOXB2), mRNA

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<211> 3262

<212> DNA

<213> Homo sapiens

<223> NM_002860.2| aldehyde dehydrogenase 18 family, member A1 (PYCS/ALDH18A1), mRNA

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<211> 2899

<212> DNA

<213> Homo sapiens

<223> NM_005655.1| TGFB inducible early growth response (TIEG), mRNA

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<211> 3138

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<213> Homo sapiens

<223> NM_018223.1| checkpoint with forkhead and ring finger domains (CHFR), mRNA

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<213> Homo sapiens

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2466

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 781

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<213> Homo sapiens

<223> NM_177953.1| dynein, cytoplasmic, light polypeptide 2A (DNCL2A), transcript variant 2, mRNA

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<213> Homo sapiens

<223> NM_022873.1| interferon, alpha-inducible protein (clone IFI-6-16) (G1P3), transcript variant 3, mRNA

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<211> 4652

<212> DNA

<213> Homo sapiens

<223> NM_183047.1| protein kinase C binding protein 1 (PRKCBP1), transcript variant 1, mRNA

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<211> 3217

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<213> Homo sapiens

<223> NM_017452.1| staufen, RNA binding protein (Drosophila) (STAU), transcript variant T2, mRNA

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<211> 3506

<212> DNA

<213> Homo sapiens

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 <223> NM_152871.1| tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 2, mRNA

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<210> 130

<211> 2730

<212> DNA

<213> Homo sapiens

<223> NM_152872.1| tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 3, mRNA

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<213> Homo sapiens

<223> NM_152874.1| tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 8, mRNA

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<223> NM_152876.1| tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 6, mRNA

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<211> 2508

<212> DNA

<213> Homo sapiens

<223> NM_152877.1| tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 7, mRNA

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<213> Homo sapiens

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